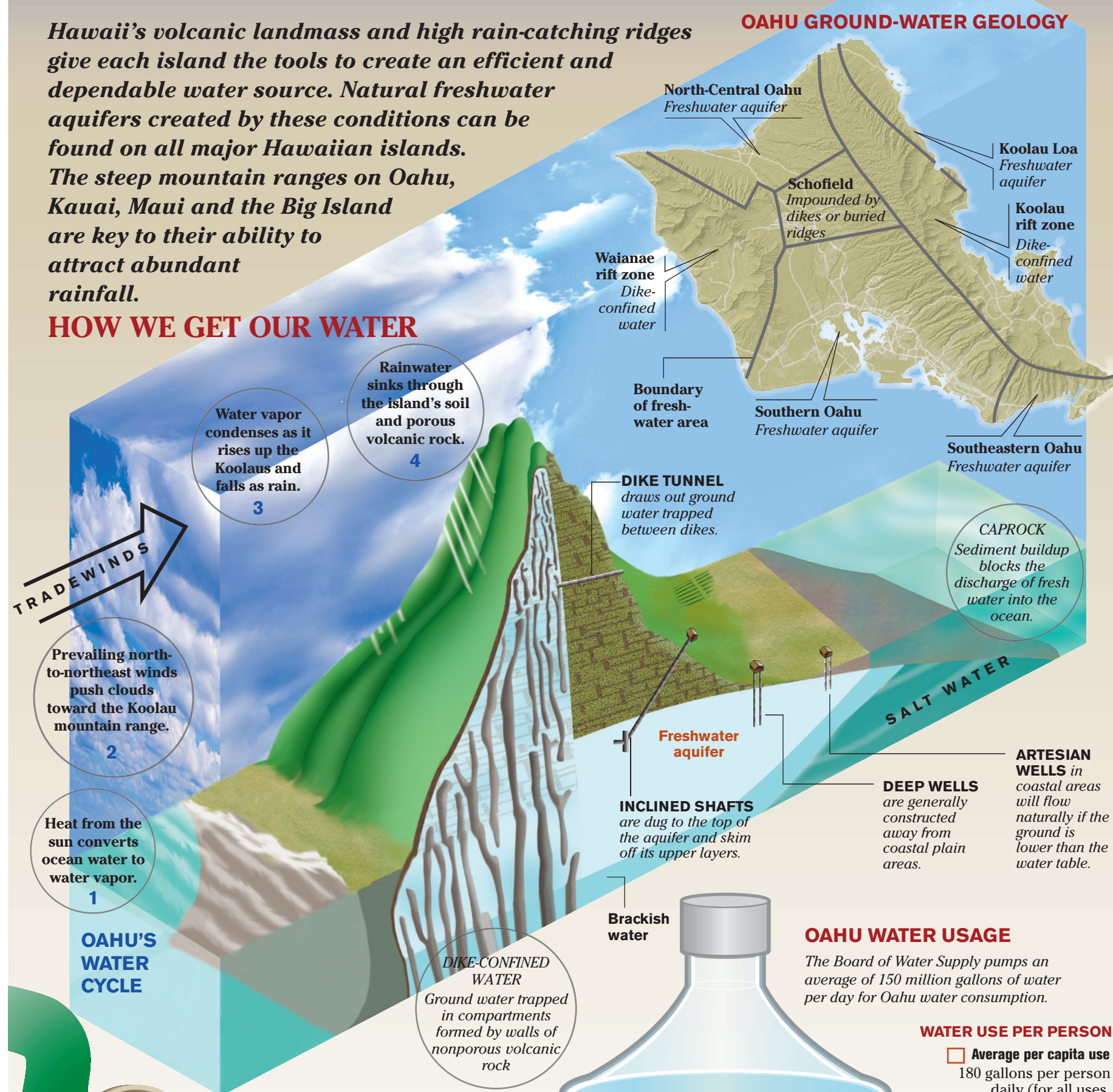


Hawaii's volcanic landmass and high rain-catching ridges give each island the tools to create an efficient and dependable water source. Natural freshwater aquifers created by these conditions can be found on all major Hawaiian islands. The steep mountain ranges on Oahu, Kauai, Maui and the Big Island are key to their ability to attract abundant rainfall.

HOW WE GET OUR WATER



HOW WATER IS DELIVERED

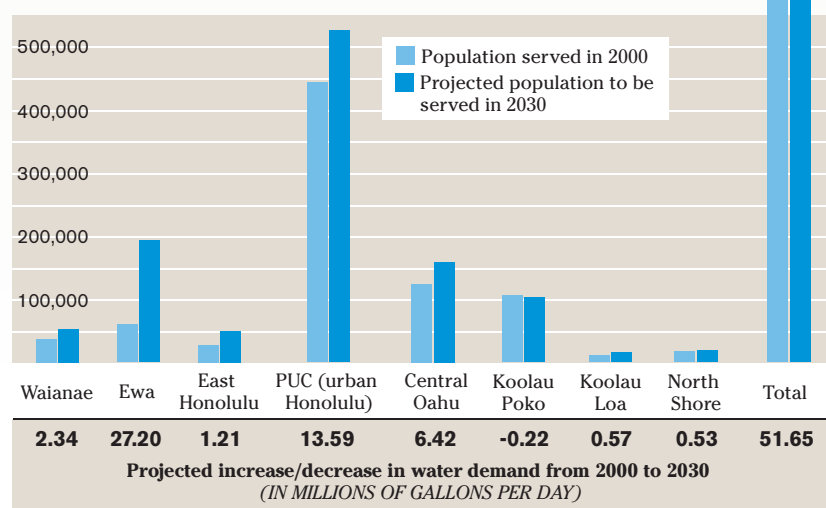
- >> Water is pumped from aquifer via wells, shafts and tunnels.
- >> Once the water reaches the surface, it enters the islandwide transmission system.
- >> Home delivery is via pipes with pressure created by pumps, or by gravity if situated lower than reservoirs.

BY THE NUMBERS: Board of Water Supply

2,000-plus miles of pipe | **94** source stations | **170** reservoirs

POPULATION GROWTH AND WATER DEMAND

Based on 2000 projection by BWS of population served

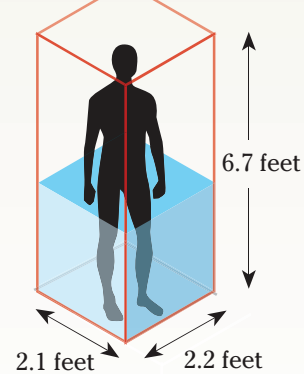


OAHU WATER USAGE

The Board of Water Supply pumps an average of 150 million gallons of water per day for Oahu water consumption.

WATER USE PER PERSON

- Average per capita use**
180 gallons per person daily (for all uses, including business)
- Average personal use**
50 to 60 gallons residential indoor use (breakdown shown below)



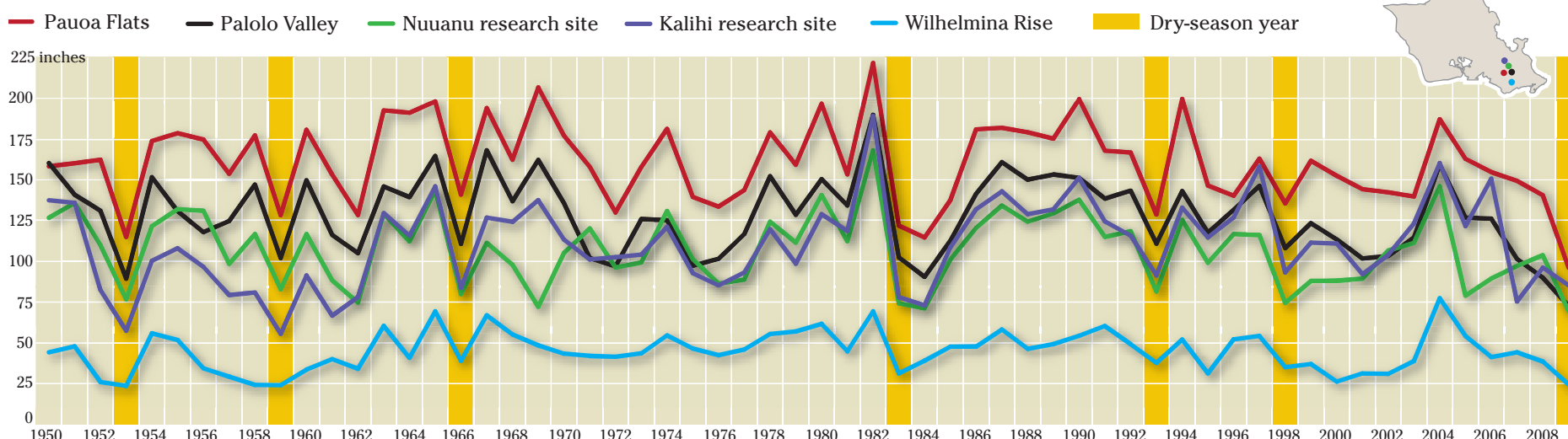
PERCENTAGE OF TOTAL PERSONAL DAILY USE

Showers	16.8%
Clothes washers	21.7%
Dishwashers	1.4%
Toilets	26.7%
Baths	1.7%
Leaks	13.7%
Faucets	15.7%
Other domestic use	2.3%

NOTE: Per capita average usage includes all islandwide use, not just residential use. Personal percent use based on national data for water-using fixtures.

AVERAGE ANNUAL RAINFALL ON KEY WATER GAUGES ON OAHU

Rainfall totals on water gauges near the Koolau Range. Dry-season years are highlighted. The Hawaiian Islands are currently under drought conditions.



Sources: Board of Water Supply; National Weather Service; U.S. Geological Survey; Handbook of Water Use and Conservation, by Amy Vickers

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